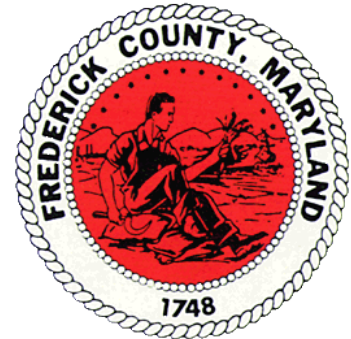


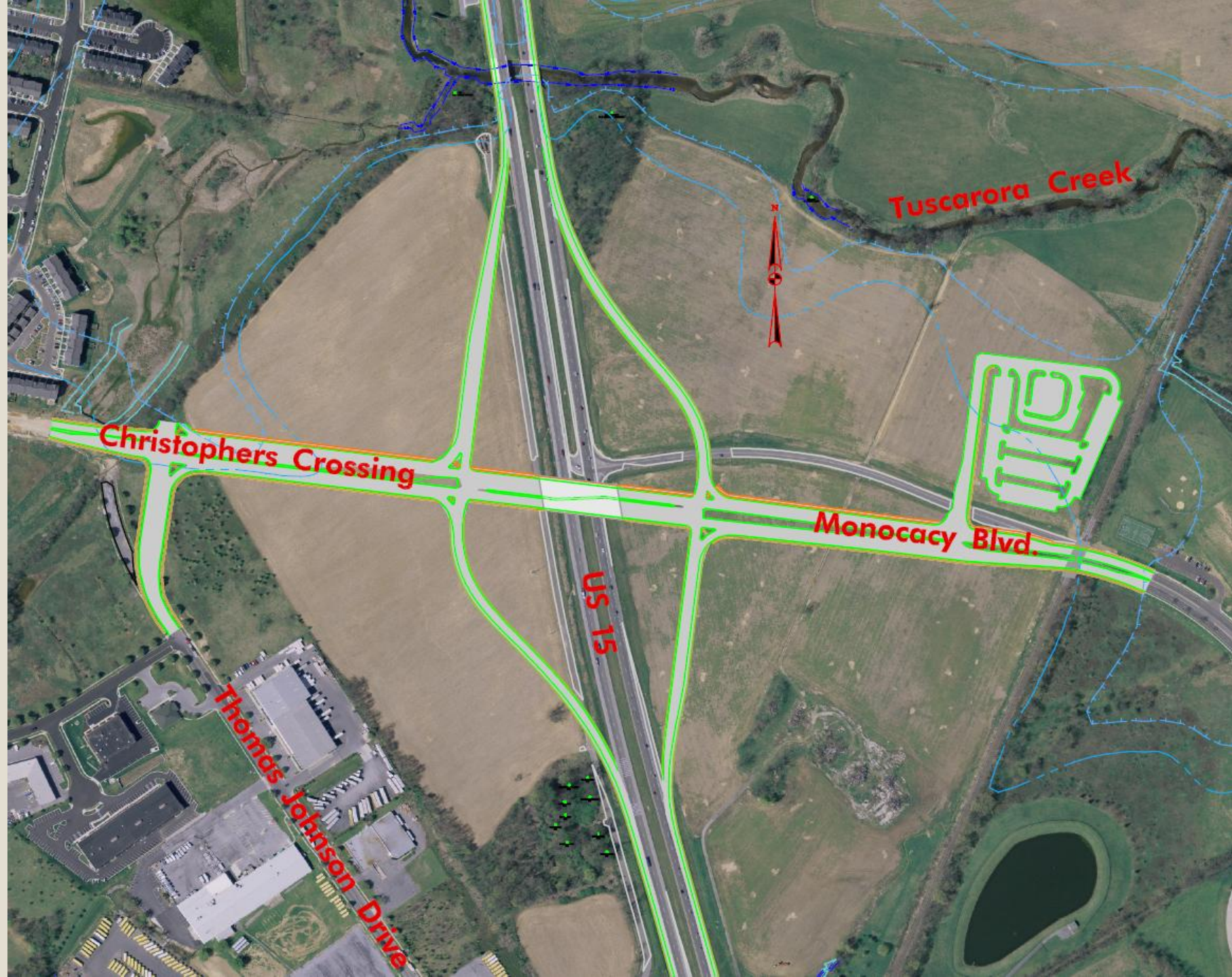
# US 15 and Monocacy Blvd. Interchange Project

County Municipalities Meeting  
August 26, 2010



- Safety Enhancement
  - Eliminate at-grade intersections at:
  - Hayward Road
  - Monocacy Blvd.
  - Willow Road (become right-in/right-out only)
- Capacity Improvement
  - Traffic Forecasts for 2030
  - Local Development and Growth
  - Ft. Detrick Growth
- Encourage Local Development
  - Potential for Public/Private Partnerships

**Purpose & Need**



Tuscarora Creek

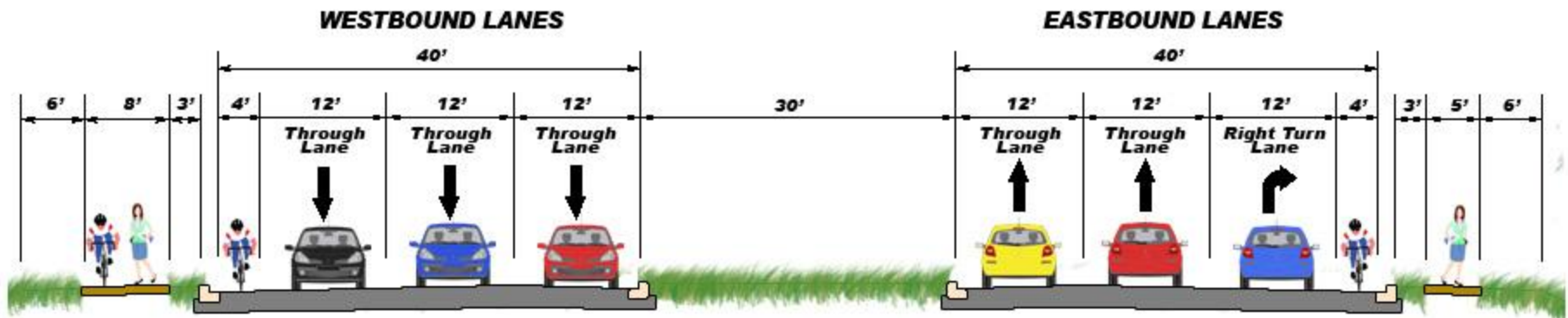
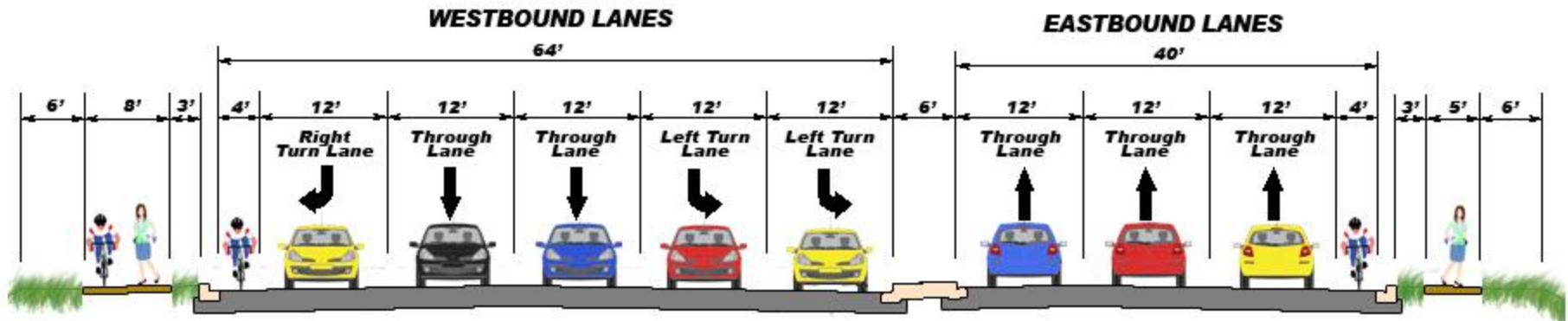
Christopher's Crossing

Monocacy Blvd.

US 15

Thomas Johnson Drive

# Typical Sections for Monocacy Blvd./Christophers Crossing



- Full Diamond Interchange
- Signals at ramp terminals, Thomas Johnson Drive, and railroad crossing
- Continuous lighting on Monocacy Blvd./Christophers Crossing
- ADA compatible 5 foot sidewalks
- 5 foot bicycle lanes
- 8 foot hiker/biker trail
- Park & Ride with over 230 spaces  
(includes design for future expansion )

## Design Features

Intersection	AM Peak		PM Peak	
	LOS	Delay (Sec)	LOS	Delay (Sec)
Christophers Crossing at Thomas Johnson Drive	C	24	B	17
Southbound Ramp Terminal	C	26	C	24
Northbound Ramp Terminal	B	13	C	21
Monocacy Blvd. at Park & Ride	A	5	A	7

**Level of Service (2030)**

Milestone	Commitment	Actual Date
Project Initiation	December 2009	Dec. 8, 2010
Preliminary Field Investigation (30%)	July 2010	June 16, 2010
Utility/ROW Meeting	November 2010	October 2010
Semi-Final Review (65%)	February 2011	Dec. 16, 2010
Final Review (95%)	July 2011	May 2011
PS&E Submission (100%)	November 2011	October 2011
Right of Way Clear	December 2011	November 2011
Advertise to Contractors	March 2012	January 2012
Notice to Proceed	June 2012	April 2012
Open to Traffic	Fall 2014	Summer 2014

Milestones in Red are dependent on ROW funding by Dec. 2010  
 Dates in blue are aggressive goals to accelerate the schedule.

# Schedule



Phase	Estimate	Funded	Unfunded
Engineering	\$4.3M	\$4.8M	(\$0.5M)
Right of Way*	\$14M	\$ -	\$14M
Construction	\$67M to \$72M	\$ -	\$67M to \$72M
Utilities	\$1.0M	\$ -	\$1.0M
Total	\$86M to \$91M	\$4.8M	\$81M to \$86M

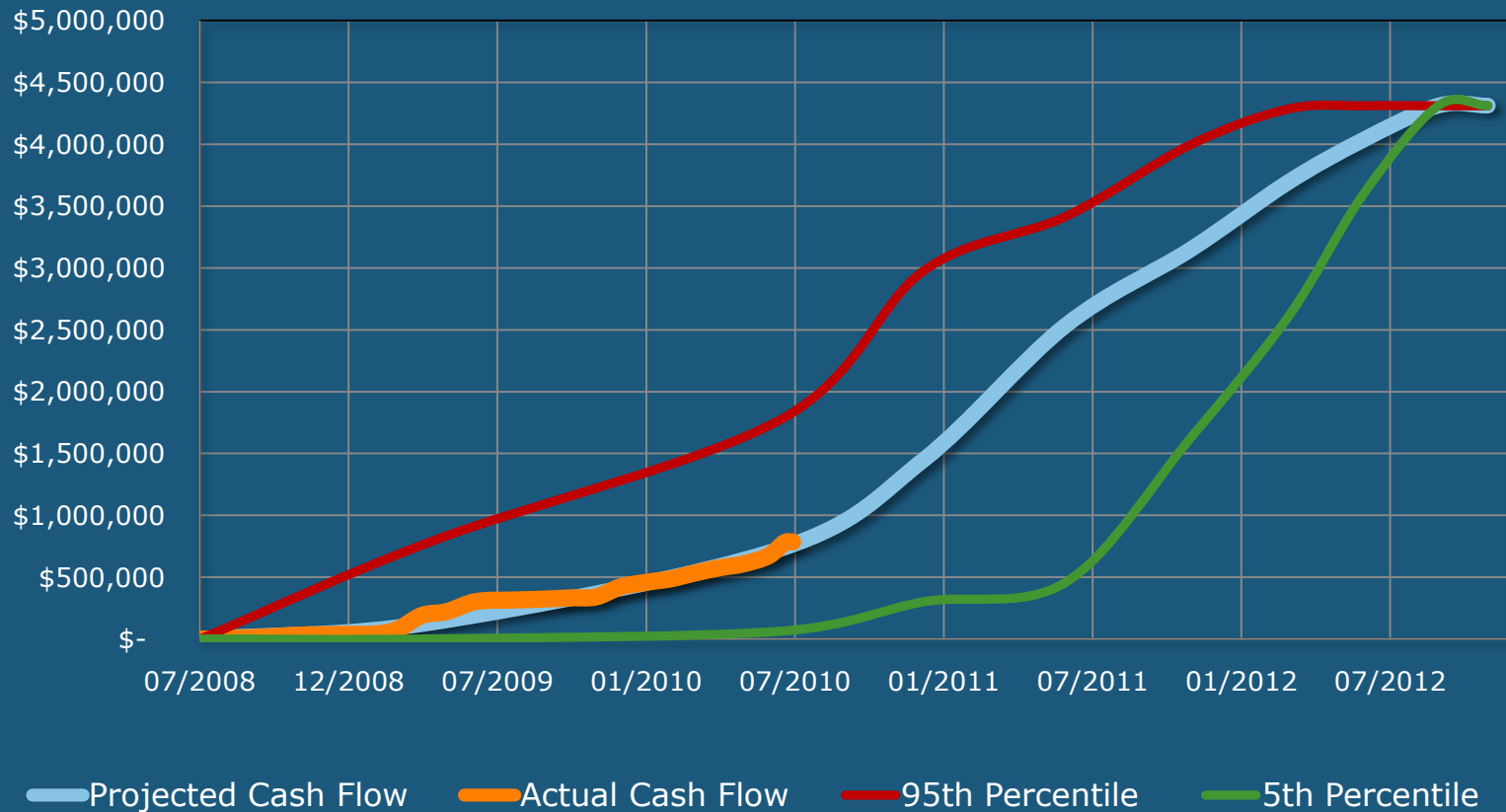
Engineering	Funded	Spent	FY 11 (Est.)
SHA & Match	\$380,148	\$313,458	\$ -
PLH FY08	\$225,645	\$ -	\$ -
TCS FY09	\$266,760	\$ -	\$ -
City/County	\$4,000,000	\$471,914	\$1,863,039
Total	\$4,872,553	\$785,372	\$1,863,039

\*Right of way assumes all in fee without donations.

## Project Cost Estimates



## Engineering Expenditures



# Current Design Expenditures



- Critical Path: Right-of-Way
  - Finalize geometry (Aug.)
  - Finalize right of way (ROW) needs (Oct.)
  - Meet with property owners regarding donations
  - Issue plats to begin ROW acquisition (Dec.)
  - Acquire ROW Funding (Dec.)
- Utility Relocation Coordination (Oct.)
- Semi-Final Review, 65% (Dec.)

**Next Steps**

**Thank You**